

Model
***SENTRY***
**Maximum pipe diameter**

28mm

**Direct Fired Water Heaters** – We recommend maximum heat rating for different sized units and this also varies according to whether they are gas fired, oil fired or heated electrically.

**Direct fired gas / oil**

35 kW

**Electrical boiler**

5 kW

**Flow Rate** – Flow rate is immaterial as far as Water-King is concerned. The greater the flow, the more effective the units tend to be.

**Product Data**

|                               |                     |
|-------------------------------|---------------------|
| ○ Aerial Length               | 2.0 m               |
| ○ Aerial Number               | 2                   |
| ○ Minimum aerial turns        | 12 Turns            |
| ○ Frequency range             | 1 – 10 kHz          |
| ○ Peak to peak output voltage | 82 V                |
| ○ Power supply required       | 230 V or 110 V      |
| ○ Input current               | 0.02 A              |
| ○ Power consumption           | 1 W                 |
| ○ Transformer output          | 9 V. ac             |
| ○ Power cable length          | 1.5 m               |
| ○ Dimensions                  | 140mm x 85mm x 50mm |
| ○ Weight                      | 0.80 kg             |
| ○ Ambient temperature         | 0 – 70 °C           |
| ○ Humidity non-condensing     | Waterproof          |
| ○ Self-diagnostic guard chip  | Yes                 |
| ○ IP Standard                 | 68                  |
| ○ BMS output                  | No                  |

**Self-Diagnostic “Guard Chip”** – Every computer system is prone to malfunction, especially if there is a sudden variation in the power supply, which can jam the program. Most systems have to reset by manual re-booting. Water-King units overcome this problem by an additional “Guard Chip” program, which monitors the performance of the main program and resets the system automatically if it detects a variation or system failure. There is no need for manual resetting after power outage.

**Maintenance** – Once installed, the Sentry requires no maintenance.

**Lifecycle costs** – Running costs are less than £10.00 per annum. The design life is 25 years with a 5-year manufacturer’s warranty.

**UPC** – 5031476003030